

FIG.1A

FIG.1B

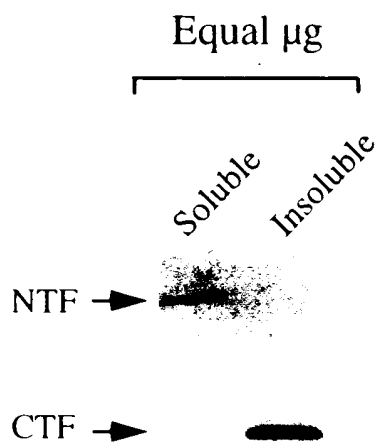


FIG.2A

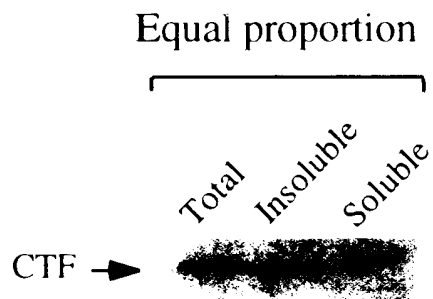


FIG.2B

Appl. No. 09/065,902;; Group Art Unit: 1644
 Dkt. No. 0609/4270001/JAG/HLK/PSC;;
 Inventors: TANZI and KIM; Tel: 202/371-2600
 Title: Purified 20 kDa Presenilin 2 C-Terminal Fragment and Methods
 of Screening for Compounds That Inhibit Proteolysis of Presenilin 2

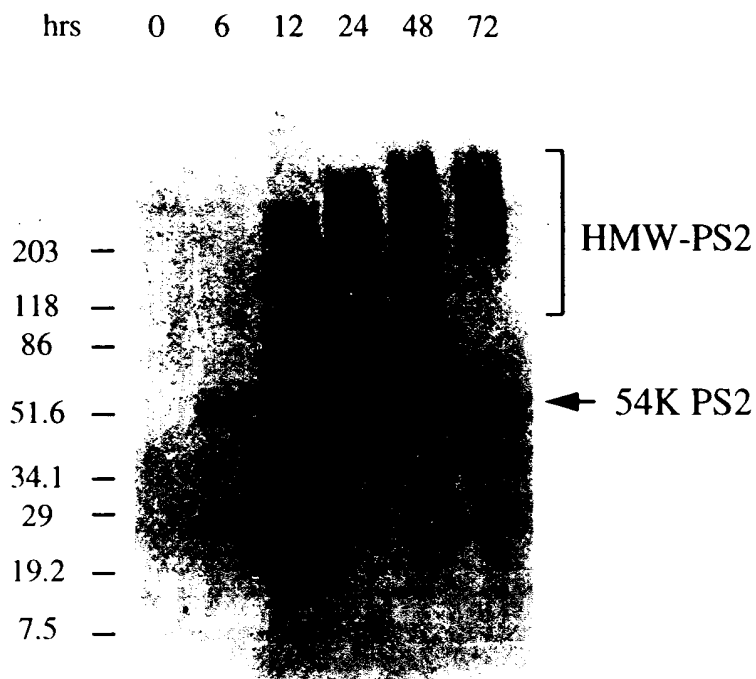


FIG.3A

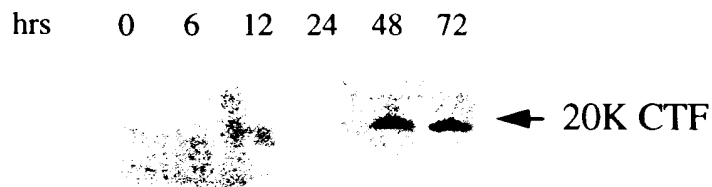
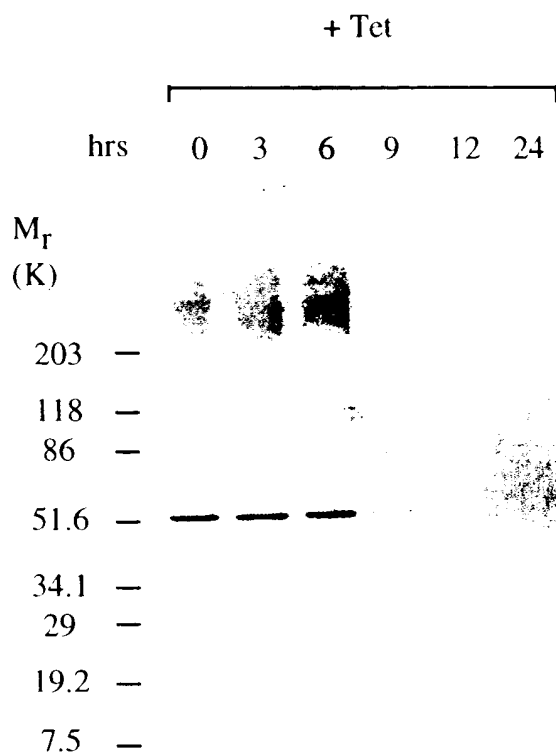


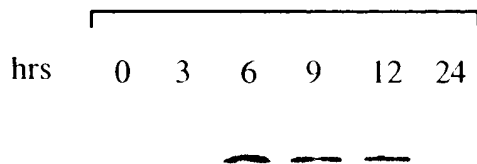
FIG.3B

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WT

FIG.4A



WT

FIG.4B

ALLN: - +

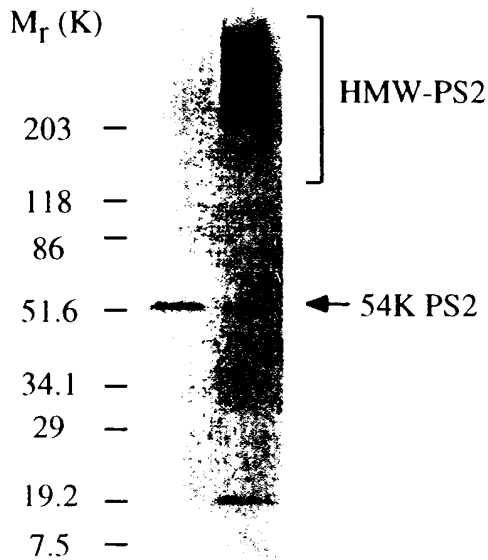


FIG.5A

Lactacystin: - +

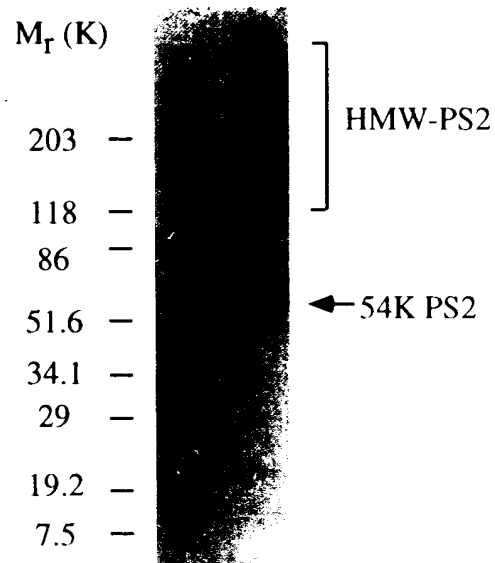


FIG.5A-1

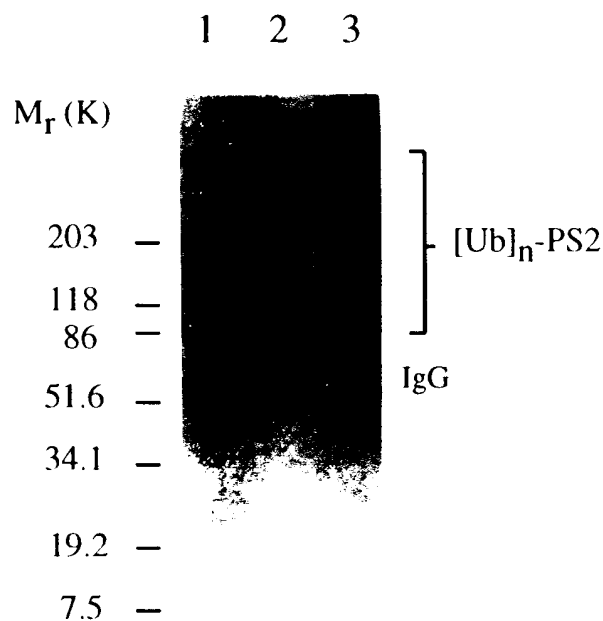


FIG.5B

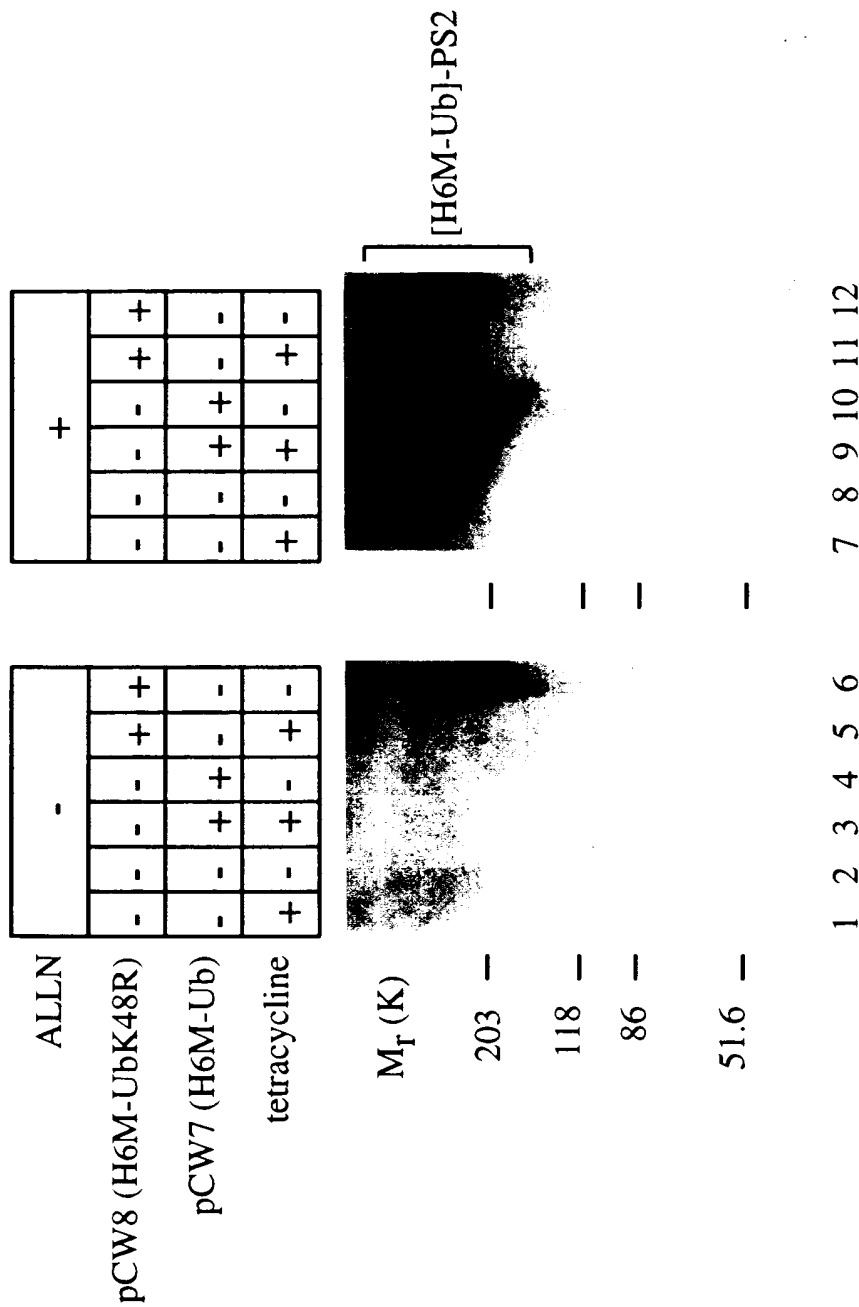


FIG.5C

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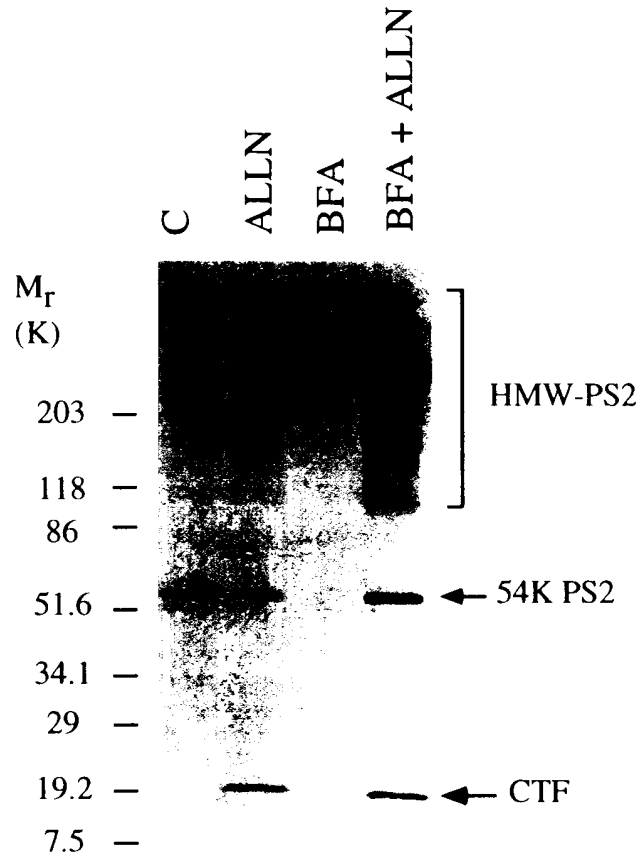


FIG.6

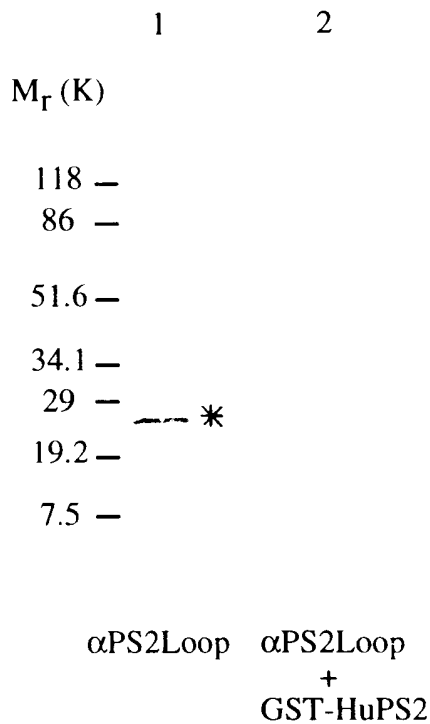


FIG.7A

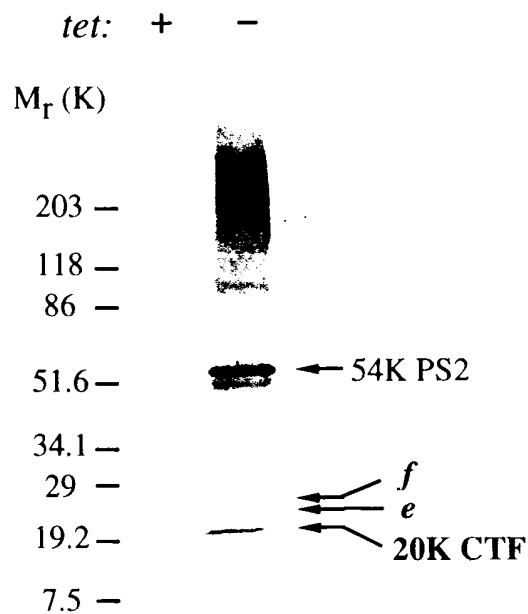


FIG.7B

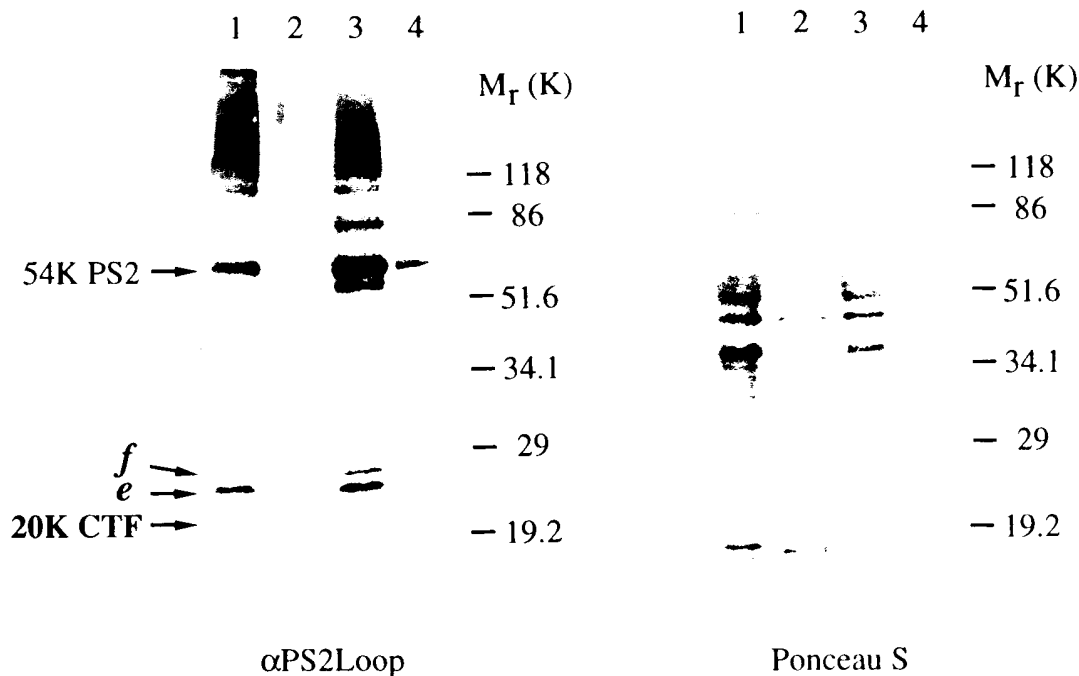
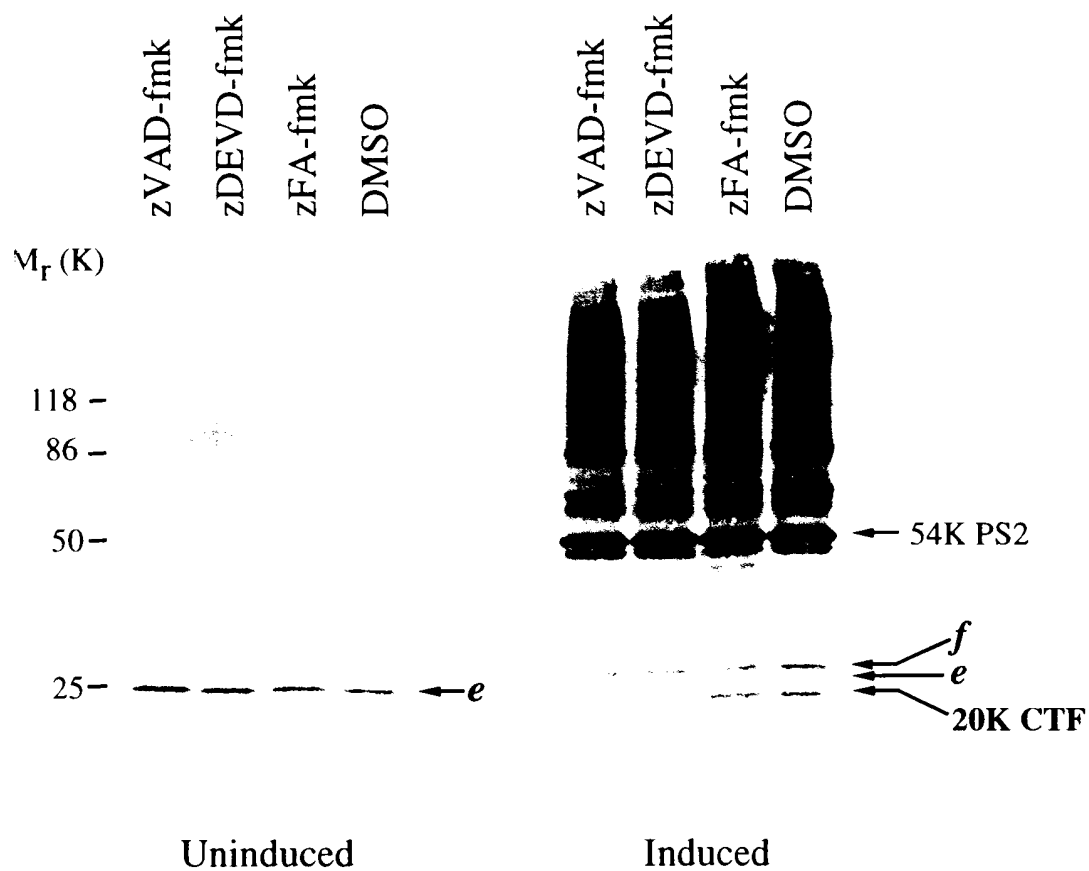


FIG.7C

FIG.7C-1



Uninduced
 FIG. 7D

Induced
 FIG. 7D-1

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Title: Purified 20 kDa Presenilin 2 C-Terminal Fragment and Methods of Screening for Compounds That Inhibit Proteolysis of Presenilin 2

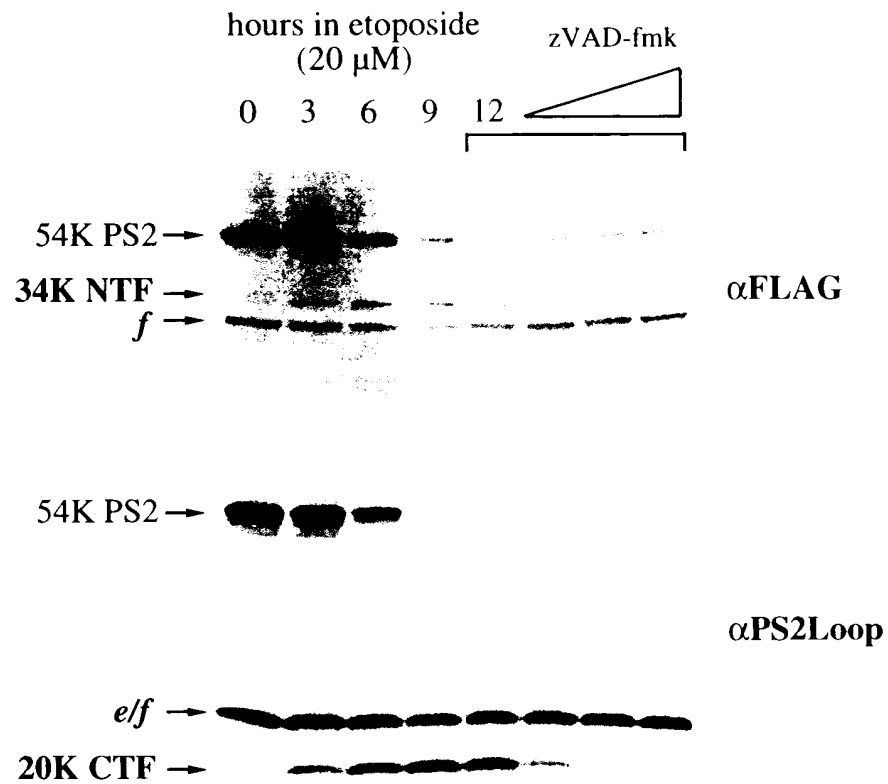


FIG.8

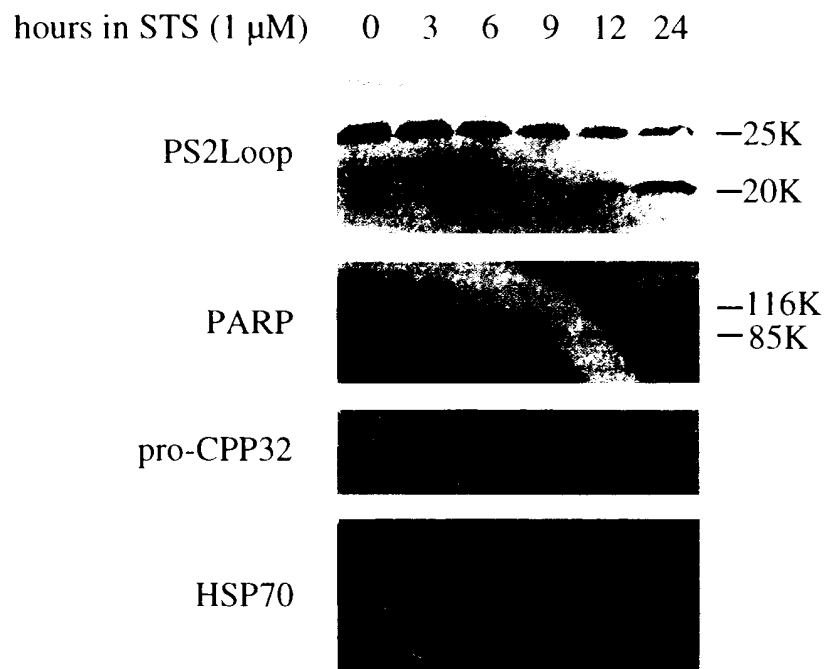


FIG.9A

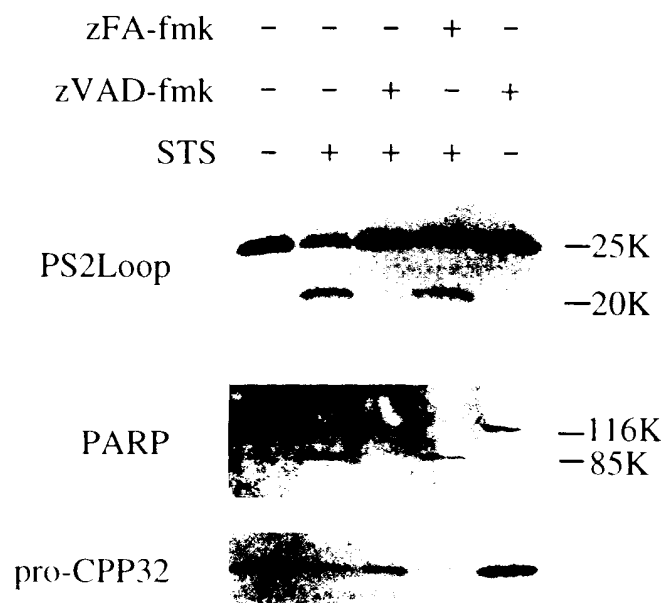


FIG.9B

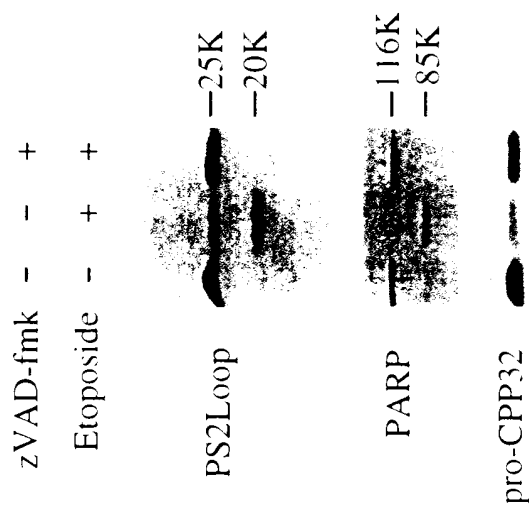


FIG. 9C

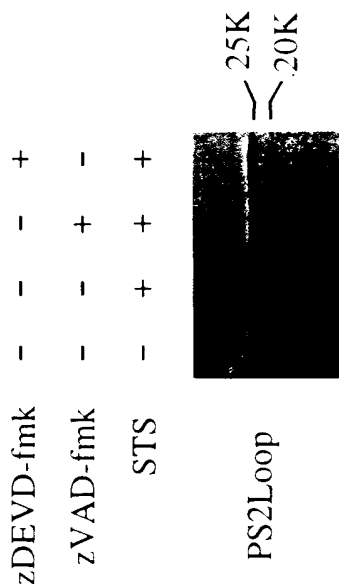


FIG. 9D

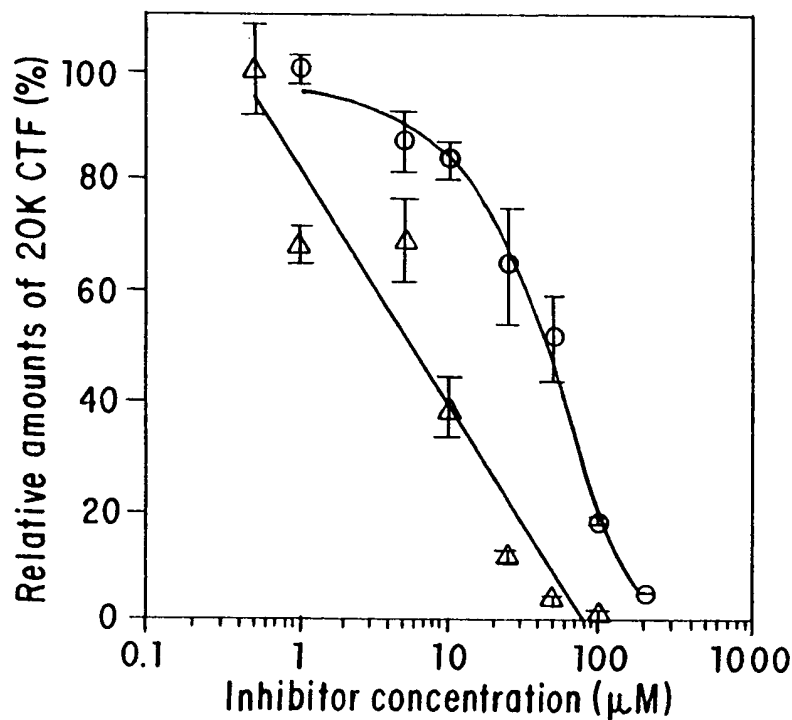


FIG. 9E

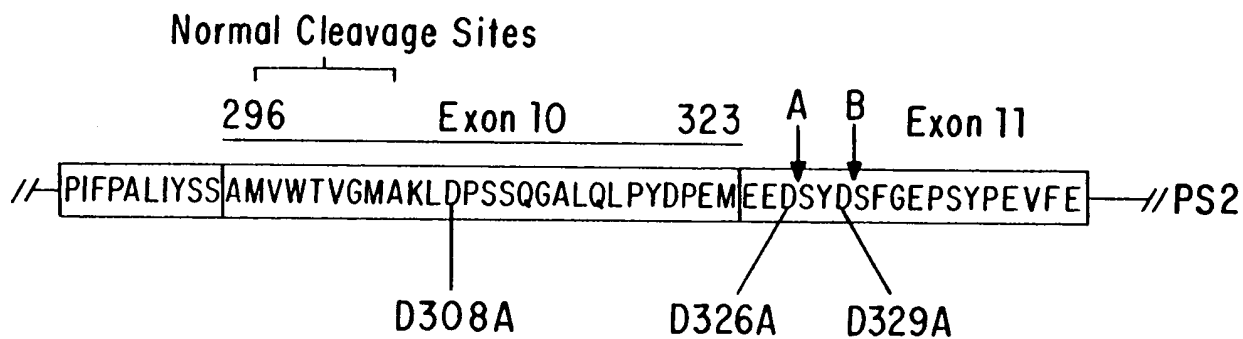


FIG. 10A

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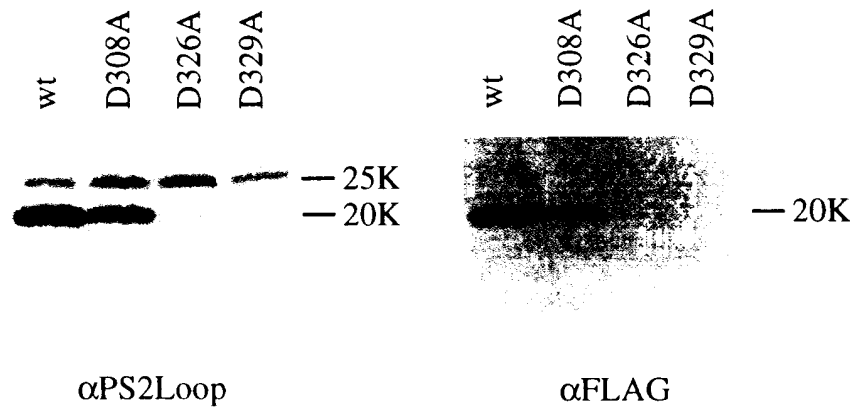
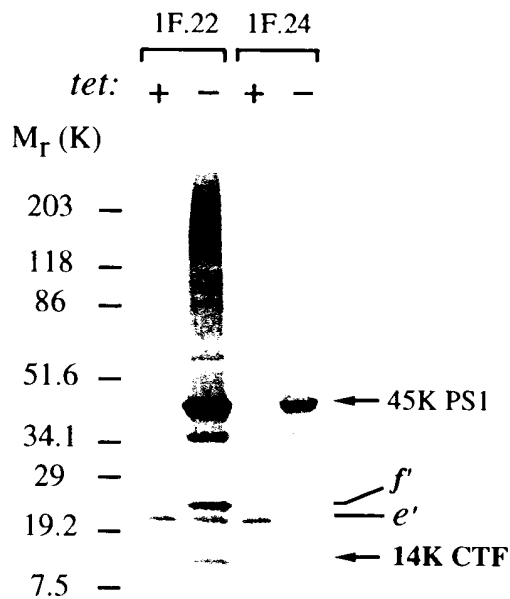


FIG.10B



α PS1Loop

FIG.11A

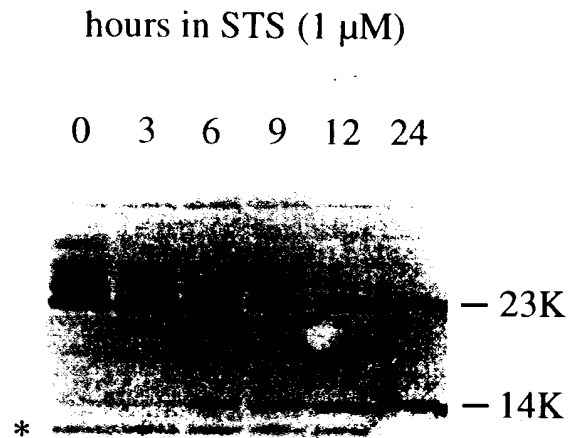


FIG.11B

zFA-fmk	-	-	-	+	-
zVAD-fmk	-	-	+	-	+
STS	-	+	+	+	-

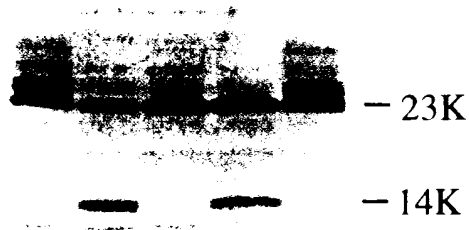


FIG.11C

zVAD-fmk	-	-	+
Etoposide	-	+	+

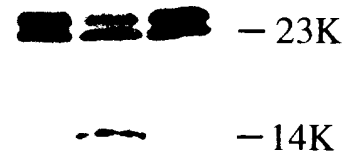


FIG.11D

Appl. No. 09/065,902;; Group Art Unit: 1644
 Dkt. No. 0609/4270001/JAG/HLK/PSC;;
 Inventors: TANZI and KIM; Tel: 202/371-2600
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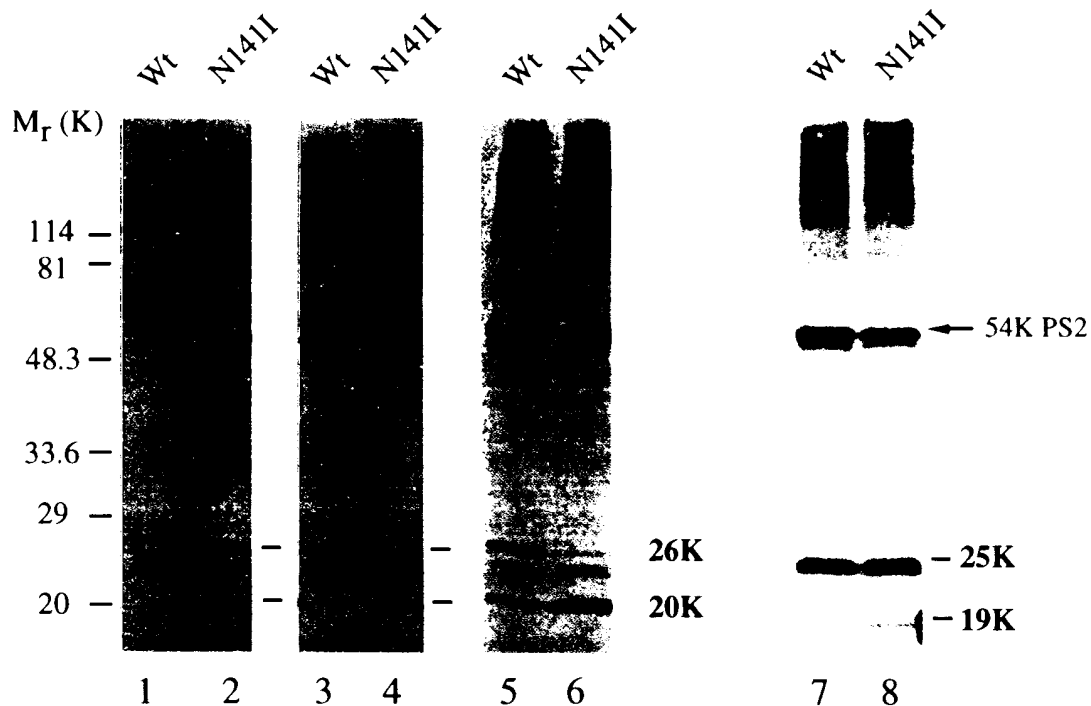


FIG.12A

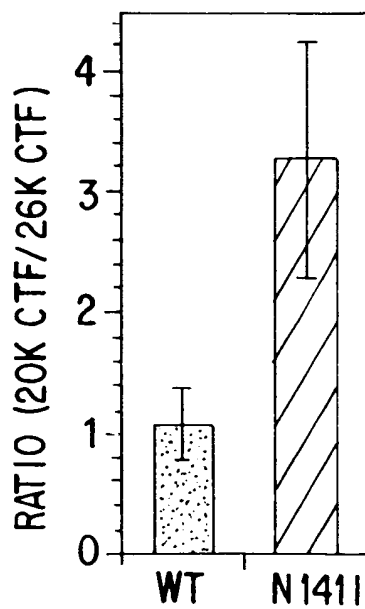


FIG.12B

Establishment of Stable CHO Cell Lines
 Co-expressing APP and PS2 Containing
 N141I (Volga German) and D329A (Caspase Clip Site)
 Mutations

Establishment of Stable CHO Cell Lines
 Co-expressing APP and PS2 Containing
 N141I (Volga German) and D329A (Caspase Clip Site)
 Mutations

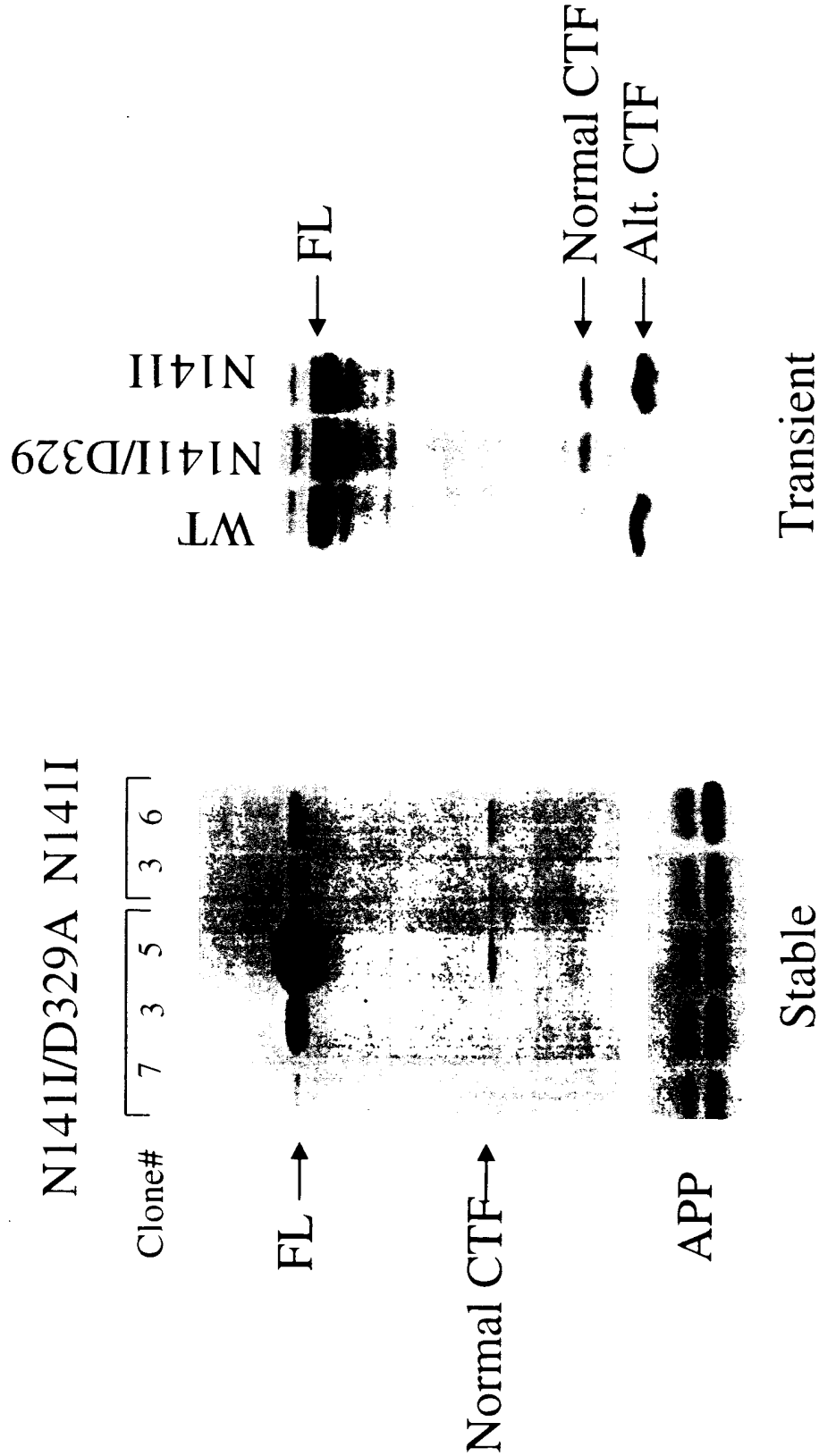


FIG. 13A

FIG. 13B